

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: WA0HQQ <tirevold@atl.mindspring.com>
Subject: 25Z5's looking for a home. . .
Message-ID: <2.2.16.19960902234241.4effe82e@pop.atl.mindspring.com>

BA Folks,

Chronic lack of sleep finally caught up with me at Shelby -

I picked up two NIB 25Z5 tubes for my R390A thinking they were 26Z5W's .
Checking my tube fetching list, I can't even tell if I wrote a "25" or a
"26" the night before. I shoulda known better - the box was a little big,
and the tubes don't even look close to what fits the 390A!

I have no need for them. If you do, be the first to reply and I'll send
them on to you for the cost of postage.

73,

Al, WA0HQQ

- tirevold@atl.mindspring.com -
Trinary-Digital-Communicator (Dots, Dashes, and Spaces)

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: knudsen@gvmail.ih.lucent.com
Subject: 51J3 questions
Message-ID: <9609031858.AA06067@bock.ih.lucent.com>

I just got a 51J3, or maybe an R-388 (see below).
Working pretty well, seems to be aligned well already,
but there are a few oddities and bugs that I'd like to ask about:

0. After 30-60 min of operation, my AGC voltage climbs to a high
level, so only the strongest local BC stations can push the
S-meter any higher (or be heard without switching AVC off).
Are there any Rs or Cs I should check first in the AVC amp?
Maybe try a new 12AU7 first....

0.5 Is the BFO supposed to go into the AVC, like most old pre-SSB rx?
Looks like it does, from the schematic, tho other high-end rx of

the same vintage (SP-600) tapped off the AVC IF ahead of the BFO injection. SSB does sound great on this RX, but you must play the old manual RF gain games.

1. The sloping dust cover has pasted to its underside a complete schematic, labeled "R388". I know the two radios are the same (completely the same?), but I wonder if my chassis is a 51J3 and the cover was swapped from a mil set, or is my whole radio an R388? The chassis is stamped "MFP" on the back (moisture & fungus proof?) and the whole insides has that clear military varnish coating, but the original manual, marked 51J3, also shows the MFP stamp on the rear.
2. There are no tags or nameplates -- I can see where a nameplate was screwed on, and there are two flat spots under the crinkled paint where it looks like serial numbers or labels were ground off -- one right about the dial. I remember reading that Collins did not put their name anywhere on the R388, but maybe on the J3? Front manual cover shows no tags or name either -- geez, wasn't Art proud of this radio?
3. Front panel is not rack mountable -- it is cut off on both sides flush with the side panels. Seems to be a factory cut, not some ham with a hacksaw. And the big front handles are missing, but there are holes in the panel for them. Maybe someone just neglected to replace them after repainting and re-lettering the front panel (this can't be the original paint; if it is, I've got a \$1000 radio :-). What have we got here?
4. KC tuning is a bit stiff, about like an R390(A). Is that normal, or is it clean-n-lube time?
5. Bandswitch drum was sluggish about showing the top 2 or 3 bands (10-11 mtrs), so I wound up the spring one extra turn and now it's fine. Hope this doesn't break the MHz dial cord...
6. It's well known that the AM audio on this baby is crisp and clear, and full of nice warm bass to boot. Also, the ANL is one of the nicest I've ever heard for not messing up the audio quality when it's engaged, while very effective at muting inter-station noise.

Tnx in advance es 73, mike k aa9rg

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996

From: Ed Kleckner <ekleck@kendaco.telebyte.net>

Subject: Re: 6 mike caps for 100V ??

Message-ID: <Pine.LNX.3.91.960903062324.5657A-1000000@kendaco.telebyte.com>

Mike -- in looking for replacements for the 6 mike caps for my 200V, I ordered 8 6.8 mike caps (140-XALS0V6.8) from Mouser and selected the four that matched most closely. I think the matching is more important than the actual value. Hope this helps...

73 ed

~~~~~  
~ Ed Kleckner, N7YQR ~  
~ ekleck@kendaco.telebyte.com ~  
~~~~~

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "Rhett T. George" <rtg@ee.duke.edu>
Subject: Re: Alexanderson alternators
Message-ID: <9609031352.AA23247@feller>

- Rag -

Many thanks for the information on the Alexanderson alternator. May I share this with the others on the BA list? Some may be traveling sooner than I to your part of the world.

73 Rhett - KE4HIH

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: MEC <danmec@inet.uni-c.dk>
Subject: Re: Alexanderson alternators
Message-ID: <Pine.3.89.9609031653.A29168-01000000@inet.uni-c.dk>

> - Rag -
>
> Many thanks for the information on the Alexanderson alternator. May I
> share this with the others on the BA list?

Absolutely. The swedes are very proud of having this unique piece of telecom gear - in operational condition ! Rightfully so.

Some may be traveling sooner
> than I to your part of the world.
>
> 73 Rhett - KE4HIH
>

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: knudsen@gvmail.ih.lucent.com
Subject: ARCI Elgin IL RadioFest, WOW!!
Message-ID: <9609031724.AA05971@bock.ih.lucent.com>

Folks have asked whether the above Fest is worthwhile from a BA point of view. I keep telling them it's great, but this year surpassed all previous in quantity and variety of BA gear, both Ham and audio. Unforch (?) I also outdid my personal best in purchasing too many cubic feet and bucks worth of stuff, and in only the first two days (Wed and Thur).

Stuff I remember seeing, where * marks stuff that snuck into my hatchback:

*51J3/R388, with original manual and all oddball tools inside. Must confess this actually hit the pavement before I saw it, but it wasn't there long! Had to pay some bux but it's *clean* and front panel is nicely repainted in St James Crinkle. Big knobs are wrong, with silver inserts a la S-line.

(Yet another bumpersticker: I Worship at St James)

*HRO-60 with 6 coils, missing low end of BC, front panel OK, sides scratched up, replacement pwr xfmers, no rust, with xtal cal module and well-made prod-detector box in place of the National NBFM option. Original manual.

*NCX-5 xcvr and AC-PS, both in original boxes with orig manual, very clean all over, for \$125!

*Australian-made Signal Corps WW-II knockoff of HRO, with 6 coils, no PS. This will take some tinkering to get running. Hacked, 57 varieties of *good* knobs.

*Meissner Signal Shifter, the type not shown in the TX book, with turret bandswitch and tuning gear drive that would make Collins jealous. No cabinet, buried in dust (which blew and brushed off easily at home). Manual. After negotiating it to \$40 with the seller who swore he knew nothing about it, I recognized him as Chuck Dachis -- thus proving for all time the lack of any connection between Meissner and Hallicrafters :-). Yes, I had him sign my "Alaskan" copy of his book.

*Drake R4A, very nice with zerox manual. Worked perfectly when I got home. I wanted to try out this "passband tuning" and am glad I did. This may be the rx I *use* on the ham bands!

National HFS VHF rx, not shown in Moore's. Front end had two teensy tuning caps on the big PW drive, with a 9001 and a less exotic mini tube in front end, and a couple 6SG7 (?) IF stages. No PS. Cute way to listen to the pilots, but \$150 seemed high. Some other booth had a doghouse PS tucked away...

National HRO, restored to near-mint, all coils, sitting on its original wooden shipping crate with the big National emblem on it! \$500 and no doubt worth it, but after the HRO-60 I didn't feel up to it. It sold the 2nd day.

National CAA rx, I forget the model, out on the grass area, full GC from 200 KC to 30 MC skipping the BC band, with PW dial and shifting catacombs in 5 bands. No S-meter or xtal filter -- sort of a catacomb RAS or HRO Jr.

National NC-2-40, overpriced for the mouse pee inside. National NC-200, very fine, someone had grabbed it for obscenely low price.

Several Halli Sky Buddies and Skyriders. I'd have liked a Super Skyrider, but someone beat me to the good one. Also an S-36/27.

Lots of Heath SB-series xcvrs. No big Heath TXs tho.

*Two R390s -- neither really nice, but one had all the covers and both were complete with glow-in-dark meters. Both asking \$250. When I was leaving I was offered the coverless unit ("it lights up and makes noise") for \$150. What the hell...

Lots of Hammarlunds. I saw an SP-600 in a nice wooden case for \$150, a 140, a 150, 200, and a *cherry* 180-AC with official noise blanker option and good clock face for \$350. I seriously considered buying it and selling my 180-C with the bad clock face later. Still there after 2nd day -- sheesh, for the \$300 he'd have let it go for, someone shuda grabbed it. Oddly, I saw no SP-200 or 400.

An Eldico novice TX for \$15 -- cute unit.

RCA R-77, needing TLC, too high at \$175. Also a nicely restored "magic brain" RCA comm rx that Chuck Dachis took (he's getting into RCA comm stuff).

A couple Zenith military rx using the same tubes as the late T-0s.

And -- someone made me the offer -- please give a home FREE to a Tek 545 and a 547 and 6 plug-ins (including spectrum analyzer)

"or I scrap 'em for the tubes"). Total cost: \$19 for Stan's book, which I had to go find. Just what I need, another hobby of restoring classic scopes....oh well, the 547 is 50 MHz which beats my little B&K sandy-stater.

Lots of bugs, keys, and tubes by the bushel. I'd say the ratio of Ham to consumer antiques was higher than ever by far. Unforch, the pricing usually reflected it too. 73, mike k aa9rg

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: kc5kfv@onr.com (Lynn Fisk)
Subject: B&W 5100B & 51SB
Message-ID: <199609022359.SAA11273@Sierra.onr.com>

Gentlemen, greetings:

I now have on the air the B&W 5100B & 51SB combination. I have not figured out how best to adjust the sideband suppression. The book calls for a 1,000cps tone from a generator and a scope. I have neither. I have had some success by using a sideband receiver, listening on the opposite sideband and tuning the audio phase shift adjustments for minimum signal. I don't seem to get any results this way when I try to adjust the RF phase shift network, and if I understand the book correctly, this must be right also to get adquate suppression. Tools on hand include a good receiver and a VTVM with RF probe. Does anyone have any suggestions?

Thanks,
Lynn Fisk, WA5DUK
kc5kfv@onr.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: w5tvw1@juno.com (Elliot "Sandy" V Blaize, Jr.)
Subject: Re: B&W 5100B & 51SB(alignment of)
Message-ID: <19960902.201610.8127.2.w5tvw1@juno.com>

If you don't have at least a good 1000 hz audio generator, forget it! You could try to adjust it with a single 1000 Hz tone by adjusting the phasing very carefully for maximum unwanted sideband response. The job is BEST done with a low distortion oscillator and an Oscilloscope. If you play with it without either, you are driving in very dangerous country with no roadmap! It's very simple to do but it can be 'touchy' and you have to jockey back and forth between sidebands to get the supression compromised between the two. A simple "station monitor" 'scope like a Heathkit SB-610 or HO-10 will do the job using a single tone of the two-tone test oscillator built

into them. If you don't have one, they show up from time to time in hamfest flea markets. Priced from about \$50-75 depending on condition. \$100 is too much to pay unless it is in absolutely pristine condition with the book!

Hope this helps.

73

E. V. Sandy Blaize, W5TVW

Boat Anchors collected, restored, modified, traded and used!

w5tvw1@juno.com

417 Ridgewood Drive, Metairie, LA., 70001

Still looking for two good 860 tetrode tubes, Hallicrafters SR-75

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996

From: mack@mails.imed.com

Subject: BA Adventures

Message-ID: <9608038417.AA841777945@mails.imed.com>

Folks:

I finally picked up the heavy metal from Dennis (W5FRS) in Irving on Sunday. The headlights on the Lincoln were facing mostly towards Ursa Major most of the trip home. Dennis and I figure that this transformer ought to do about 3KW. It measures about 8 inches on a side and weighs about 90 pounds. What do y'all think?

Dennis has completed his 1930's era reproduction amplifier using 808's. It is a thing of beauty. It uses link coupling and has nice home built neutralizing caps. He also took the time to add modern safety stuff for interlocks, etc.

I also spent the weekend reading through the 1969 QST's because of the SB200 6M mod question that was asked. I started in radio/electronics during that year. That was the year I decided on EE instead of nuclear engineering (good choice in retrospect). I was amazed by 2 sets of advertisements. The first was the Hammarlund ads. That was the first I saw of a SP600 advertised commercially. It looked like it was in a flip top Bud cabinet. Is this likely? The other thing that was advertised was a sideband adapter for the SP600. I have never seen one of these, have you? I was struck by the *many* ads for Hallicrafter man-pack radios (solid state stuff?). What was *totally* missing from the Hallicrafter ads was any *ham* stuff. Was the the last gasp of Hallicrafters?

Now we have one more lost sheep in the fold here in Houston. I don't think any of the SE side group knew about Robert. Well, maybe Phil mentioned you.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: dvorkin@pcs.mot.com (Vlad Dvorkin)
Subject: Batteries for old radios
Message-ID: <199609031825.0AA01822@iron65.pcs.mot.com>

Attention owners of the old battery operated sets:

There is a battery store in Morton Grove IL. called
"Battery Works" which has all kind of batteries for old radios
and for anything else including "fat" 9.0 volt and 67.6 v plate
voltage batteries.

Phones:
847-966-2220
847-966-2270 (fax)
1-800-707-7000

They accept phone orders and ship by UPS.
The owner of the store is Jim Teskoski.

Disclamer: I. Vladimir Dvorkin, have no association nor other direct or inderect
financial or other interests in promoting Battery Works business.

Regards,
Vlad Dvorkin

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: Best offer on a CV591
Message-ID: <9609031538.AA28166@skeeter.frco.com>

I'd like to buy a CV-591, so I'm solliciting the best offer. Sellers,
please send your offers to me at bill@skeeter.frco.com.

Wait, you say it's not a buyer's market?

Then what's all this fuss about auctions?

:-) :-) ;-^

The above lines occurred to me as I was reading last week's stuff, and wondering if it was worth another \$12. Seems like it is time to condense the 'selling' stuff into a mini-FAQ and put it in the archives, ready for us to send to anyone who raises the subject again. That's not to say that some good things weren't said, but we've accumulated many kilobytes on the subject now.

Oh, I'll kick in another \$12 (Jack knows I've got more than that in it). Dave Stinson's line about the "ring of the smithy's anvil" was worth the price, as are any number of informative posts by people who know their subject.

Regards,
Bill Hawkins

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Jay Hauteman <caf@airmail.net>
Subject: Boat Anchor Auction Discussion
Message-ID: <m0uxwIM-000CnBC@mail.airmail.net>

DATE: 9-3-96
TIME: 9:07 AM CST

Gentlemen:

I seem to have started something when I posted some WWII Radio Gear for sale on a "BEST OFFER BY SEPT. 12" statement. I am not repeat am not looking for a free appraisal. I honestly do not know the value of the articles listed. This equipment is rare in the sense that it is scarce and it is in Mint to New condition.

The listing was addressed to "All Dedicated WWII Radio Collectors. These items are "Collectors Items" because of their age and condition. I would hope that the radios would wind up in the hands of a collector rather than to be modified for HAM use.

There is no reason to get upset by the offer. If you are not interested, you don't have to participate. It was not my intention to offend anyone.

Regards,
Jay - WA5DCG

caf@airmail.net

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Boycott BA List Auction Items ?
Message-ID: <199609031138.EAA18062@desiree.teleport.com>

>Is there anybody out there, besides me, that is unhappy with people
>listing items on this list for sale by means of an auction to the highest
>bidder ? It seems that I am seeing more and more of these types of
>listings. A case "might" be made for someone selling a KW-1 or other VERY
>rare, scarce and much sought after equipment.....but for books ?....HW
>101's.....Kwm-2's ????

>

>I say lets ban Auctions from this list.....If someone is unknowledgeble
>about the value of a book or equipment...post a message asking for a range
>of values.....pick the highest value...if it doesn't sell bring the price
>down a notch..

>

>This message is meant to foster a meaningful discussion and hopefully a
>decision by the powers that be !!!

>

>

>73's de Mike K6ZSR :-)

>

>

>

>Error: Keyboard not connected....Press F10 to continue

>

>

Hi Mike,

You did not mention WHY you don't like people taking bids for equipment here. I, for one, like it, as a seller. As a buyer, it means I probably can't "steal" anything from someone who doesn't know what it is worth because someone who does know what it is worth will offer a reasonable price. I hope that is not your reason for disliking auctions. Please enlighten me.

Stan w7ni@teleport.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Boycott BA List Auction Items ?
Message-ID: <199609031138.EAA18071@desiree.teleport.com>

>I agree with Michael.
>
>If it is rare or really difficult to evaluate that is different.
>
>Otherwise, I feel that I being asked to give free appraisals all the
>time
>
>Gene Rippen.
>

I give free Tek scope advice all the time and I will continue to do it. I know my advice has cash value since I also currently fix scopes as a contractor to Tektronix for a fairly large hourly rate. I also sell my advice in book form but I have given away dozens of books as hamfair prizes, etc. You want me to appraise your scope? I will gladly do it for free.

Stan w7ni@teleport.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Boycott BA List Auction Items ?
Message-ID: <199609031138.EAA18105@desiree.teleport.com>

>Yes auctions are fun, but only if you can see (or hear) the other bids.
>This crap of bidding to the the highest bidder by Sept 4th, with no one
>knowing what has been bid.... is not an auction, it is a rip-off!

What? How so? Nobody is ever forced to bid more than they think an item is worth, are they? I have sold numerous things by the auction method and both buyer and seller have ended up happy with the deal. What else could you ask? Certainly you don't expect me to try to make all the losers happy, do you?

Next time I offer something for bid and you want to know what the high bid is, just ask me. If you want to top it, that is certainly in my best interests.

Stan w7ni@teleport.com

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: mirage!pamars@uucp-1.csn.net (P.A.Marshall)
Subject: Re: Boycott BA List Auction Items ?
Message-ID: <9609031438.AA16108@mirage>

Stan Griffiths writes:

>
> You did not mention WHY you don't like people taking bids for equipment
> here. I, for one, like it, as a seller. As a buyer, it means I probably
> can't "steal" anything from someone who doesn't know what it is worth
> because someone who does know what it is worth will offer a reasonable
> price. I hope that is not your reason for disliking auctions. Please
> enlighten me.

>
Please, there are auction sales and there are bid sales, they are not the same thing, a sale by auction consist of a series of *public* bids, while this method is some times used, I think all this talk refers to sales by blind bid. In sale by blind bid all advantage is the sellers, Stan, while you rightly would not want to have something "stolen" due to lack of info. on the sellers part, there is no such protection from over payment by the buyer for such lack of info. (I guess some might call this a rip-off).

I like auctions, it's just a shame we don't see more of them around here. Still I think the bottom line is to relax, after all, it's only a hobby...

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org
1+219.665.5072 Mirage Computers, Inc. pamars@mirage.angola.in.us

"The lyf so short, the craft so long to lerne." - Chaucer

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Lynn Stolz <lstolz@tekelec.com>
Subject: Coiled Cord Replacements?
Message-ID: <322C4B6A.446B9B3D@tekelec.com>

Gang:

Anybody know of a source for good replacement coiled cords for BA-type microphones such as Turner, E/V and Shure? Radio Shack and the typical parts-bin dealers at hamfests only have the junky ones made in the Pacific-Rim. "Real" rubber ones made by Belden are the type that I'm looking for.

Thanks,

Lynn, N8AJ

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "Garey Barrell, K4OAH" <75025.73@CompuServe.COM>
Subject: Collins Collectors Association
Message-ID: <960903031810_75025.73_FHD39-1@CompuServe.COM>

The "old" Collins Collectors Association, which published the Collins Collectors Magazine, is still active. My understanding is that the "Collins Collectors Magazine" had no financial ties to the association, but was a separate entity. The Collins Collectors Association has been "revived" and now has it's own "captive" publication called "The Signal" which is more of a newsletter. So far there have been three quarterly issues, with Jay Miller, KK5IM as publisher. Further info should be available from:

The Collins Collectors Association
P.O. Box 840924
Pembroke Pines, FL 33084

collins@exis.net

Re: the "old" Collins Magazine, the list of issues posted by Rob earlier today agrees with what I have, so is probably a "complete" set.

Hope this helps.

73, Garey - K40AH
75025.73@compuserve.com
Atlanta

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Collins Collectors Magazine
Message-ID: <199609022249.SAA15269@itchy.mindspring.com>

Last year I got an update to the Amateur Radio mail Order catalog and Resource Directory from The Collins Collector's Magazine (no mention of an association).

Collins Collector's magazine
MCS Group Publishing
3411 Colvin Street
Rapid City, SD 57701
605-393-1663 or FAX 6-5-393-1662.

Several who bough the lastest Edition say that its no longer published.

David Knepper's Magazine has sort of taken its place.

Dave K4JRB

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Collins R388 / 51J-3
Message-ID: <s22c0658.045@nms.com>

Over the holiday weekend I found someone with an excellent condition R388 (51J-3) they want to sell. I got a chance to sit down with it for a couple of moments. Nice receiver, although having no product detector takes some getting used to. Since I'm a CW person, I tried to copy some but I noticed if the RF gain was set too high, the BFO couldn't provide enough injection to copy the signal.(just carrier on/off sound) Is this normal?

I guess I need some help from some R388 users

And the big question.....HOW MUCH?? the seller doesn't have a price so I'm asking...what should this receiver sell for? I know the 51J-4's are more valuable (mech. filters?) but what would be a fair non-gouger price to pay for this excellent condition R388/51J-3 with manual? Help Collins fans!!!!

Thanks everybody!!!!.....Glenn N2BJG GFINER@NMS.COM

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: Re: Collins R388 / 51J-3 -Reply
Message-ID: <s22c0e41.054@nms.com>

RE>Does it have top and/or bottom covers? Is it rack type with no
>cabinet or with cabinet?

It has both top and bottom covers as well as the alignment tools
It's a rack type with no cabinet

re>How close is alignment at top and bottom of each band with
>calibrator (can Kc dial match with zero beat and dial adjustment at

Yes, Kc dial mark matches zero beat with room for adjustment at each end. (seller explained if this wasn't the case, the PTO would need adjusting)???

> How much backlash in Kc dial?

None! dial stays where you put it....no backlash

> How loose is band switch drum?

I don't have anything to compare it too! There isn't any solid "click" when changing bands like on other receivers I'm used to, but the band switch seems to be pretty tight....no slop..feels good.

Hope this helps with the value!.....Thanks...

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Steve Ellington <n4lq@iglou.com>
Subject: DC on 75A4 filter?
Message-ID: <Pine.GS0.3.93.960902185331.10586A-1000000@iglou1>

Someone mentioned modifying a 75A4 to eliminate dc voltage on the mechanical filter.

I see there is no blocking capacitor from the filter to the next grid. Is this the place in question?

What effect does dc cause on the filter anyway?

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: DC on 75A4 filter?
Message-ID: <Pine.SC0.3.91.960903074919.19513A-1000000@sd.cts.com>

On Mon, 2 Sep 1996, Steve Ellington wrote:

> Someone mentioned modifying a 75A4 to eliminate dc voltage on the
> mechanical filter.
> I see there is no blocking capacitor from the filter to the next grid. Is
> this the place in question?
> What effect does dc cause on the filter anyway?

In older designs, particularly homebrew construction articles, it was common to run plate current through the MF coil to the mixer or 1st IF tube. The grid current to the following stage

going through the other side of the filter would not be of concern. Proper design would feed the plate current through a RF choke and capacitor couple the IF signals through a coupling cap.

Taken from the Collins F455Y-31 Mechanical filter data sheet:
"2.2 Direct Current: Shunt feed is necessary to eliminate DC current in transducer coils. DC current in transducer coils will alter the electrical characteristics of Para. 1."
(Para. 1 contains all the electrical specs of the filter.)

The coupling cap used should be high voltage, high reliability. 0.01 at 1 KV would be a reasonable cap to use. Since a shorted cap can ruin your entire day and the filter also two HV caps in series is not unreasonable. There are stories of caps shorting out in receivers such as R-390A's with switched filters, and the operator switching through all filter positions trying to find a audio signal - oops.

73 John Kolb KK6IL

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: DC on 75A4 filter?
Message-ID: <Pine.SCO.3.91.960903125314.3648A-1000000@sd.cts.com>

On Tue, 3 Sep 1996, John Kolb wrote:

> On Mon, 2 Sep 1996, Steve Ellington wrote:
>
> > Someone mentioned modifying a 75A4 to eliminate dc voltage on the
> > mechanical filter.
>
> Taken from the Collins F455Y-31 Mechanical filter data sheet:
> "2.2 Direct Current: Shunt feed is necessary to eliminate DC
> current in transducer coils. DC current in transducer coils

I should add that other filters, such as F455D-60, an older filter state:

2.2 Direct Current: Shunt feed is recommended to eliminate DC current in transducer coils. Satisfactory performance, however, is obtainable with DC currents up to 5 mA; under no condition should DC current exceed 20 mA in transducer coils."

73

John Kolb KK6IL jlkolb@cts.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "Paul Bock" <pauboc@smtpblink.pulse.com>
Subject: Detailed info on a bugs for trade
Message-ID: <9608038417.AA841770032@smtpblink.pulse.com>

FOR SALE: Vibroplex "Presentation" circa 1962.

Please e-mail or call if interested.

Paul Bock, K4MSG pauboc@pulse.com

work: (703) 471-2900 x4536
home: (540) 882-4745

Vibroplex 1962 "Presentation" serial #227934

Description: Chrome base & top parts, gold base top. Very good condition overall, top parts EC/near mint. Some wear & scratches on gold base top, light scratches on sides of chrome base. New jeweled bearings. Absolutely no rust, corrosion or pitting anywhere (other than scratches previously described). Red knob & thumbpiece both VGC, no cracks or chips. **Missing the circuit-closing switch assembly; chrome screw & washer plugging the hole**.

\$110.00 + \$5.00 shipping

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: christopher.demeroukas@accessil.com
Subject: Elgin
Message-ID: <9609031119.0FX2L00@accessil.com>

Hi BAers:

Just one small note about prices on a fairly rare book I noticed at the recent

Elgin Radiofest:

There were (at least) 4 "Radiotron Designer's Handbook - 4th Ed." for sale.
Prices on the 4 I saw were:

\$90

\$75

\$75

\$20 (this one followed me home; the other ones remained through at least Friday).

Chris

10:50 CDT 9/3/96

christopher.demeroukas@accessil.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Jack Giehl <jackg@one.net>
Subject: ER Set Sold
Message-ID: <322B8D37.4B76@one.net>

Dear BA Enthusiasts,

The ER set has been sold.

Thanks, Jack

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "John H. Dilks III" <oldradio@worldnet.att.net>
Subject: Estate Sale at Rochester AWA & Gathersburg
Message-ID: <19960903015844.AAA26938@LOCALNAME>

To all,Estate..Sale.....

Well I'm ready to go to Rochester and the AWA meet then on to Gathersburg for the Saturday night BA gathering. I'll be off at 5 a.m., have suspended the BA till I return (so now's your chance to talk about me) and can't wait to get there.

The B-i-g news is: I have some BA gear on board to sell. You can identify me, I'm the good looking guy with the white beard and I'll be selling out of a 12' Black and Silver cargo trailer. I only (for now) have

one space at the AWA, so stop back each day to see what I pull out.
Gathersburg - I'll have more spaces and I'll pull it all out.

I do have lots of Radio News magazines, QST's (40's to 60's), 73's, Ham Radio's and other assorted magazines. I have a near complete set of Radio News from the late 40's to the early 60's. A good start for someone wanting to collect them. (I'd hate to break them up.)

I have over 200 books on radio, and a few on computing. There are at least 5 or 6 ARRL Handbooks (oldest 1943), License Manuals, How to's, Hint & Kinks, etc. Some old Call books, a Collins Log Book and other old ones (partially used).

BA's include a National SW-3 with 5 or 6 sets of coils (no pwr supply), a National 155 (I think), National 183NR (poor condition but with transformer), RCA early VLF receiver (super-regen) used shipboard and is old, TS-413 Signal generator (the best one for HF-receivers) and more.....

Parts, parts and more parts including many transmitting Variable Capacitors and small parts.

Oldies: two battery sets, one tombstone and other stuff

Test Equipment, odds and ends Biggie is the TS-413 Sig Gen.

If that isn't enough for you, then someone else will have what you want.

73' & I'll C-U-L, John Dilks, K2TQN

```
.-----  
| 73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net |  
| .^. Collector of early Wireless Radios & Books. .^. |  
| ( ~ ) Always looking for well-made Home-Brew Radios. ( ~ ) |  
| ___[ ]___< Member of the New Jersey Antique Radio Club >___[ ]___ |  
| Meets the second Friday of each month at 7:30 p.m. in Freehold, NJ |  
|-----|  
| NJARC is on the WEB - http://www.globalent.net/oldradio |  
| See above for our Fall Swapmeet & Auction info, on Oct. 5, 1996 |  
'-----'
```

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: jcreid@CCGATE.HAC.COM
Subject: Fun at TRW(long)
Message-ID: <9608038417.AA841784867@CCGATE.HAC.COM>

Hi Gang,

This past Saturday was TRW's famous swapmeet in Redondo Beach, CA. I wasn't

sure I was gonna make it, but a last minute change in plans allowed me to attend. I was glad I made it as you'll soon see.

I was barely inside the meet when this guy had cases of PRC77 batteries for sale. A buck a piece or \$6 for a case of 8. I took two cases for \$10. The date codes were from '89, but they seem to have a long shelf life. He's got more and I have his number is anyone is interested.

The next row over this guy was unloading all kinds of neat BA equipment. There was a cherry Viking that sold for \$80 just as I walked up. There was also a very nice Johnson Thunderbolt. Didn't get a chance to find out the price. I bought an SX-42 with the R-42 speaker for \$50. Both are about a 6. The R-42 had an interesting connection scheme to the SX. The guy used a line cord! Male on the speaker, female on the radio. I'm hoping no one plugged the speaker into 120VAC.

The problem with finding all this stuff is it always required a trip back to the car and I wasn't parked that close. Oh well. Life's a bitch and then your radio weighs 50 lbs. Sounds like another slogan for a bumper sticker.

Among the less heavier stuff I found: another Gonset Communicator III(2 mtrs) with 5 crystals and smothered in nicotine for \$10, a Simpson 656 battery tester and 654 audio wattmeter(these are adapters that plug into a 260) for \$5 each, and an SX-24 for \$25. Dang, another trip to the car!

I saw a few other nice pieces of BA equipment. Chatted with a guy that bought a National HR050T1(?) for \$175 with 6 coils. Paint was a little rough in a couple places, but still a nice looking unit. Talked to another guy that bought an FPM-300 for \$140. The radio was in nice shape except the previous owner solved the bandswitch belt problem by drilling a hole in the front panel and extended the other switch shaft through the front. Ack! I did see another SX-24, but it was in such bad shape that I didn't bother to investigate further. It looked like both the main tuning and bandspread dials had been kicked in.

I'll review my purchases in a forthcoming post, but in the meantime I need some documentation for a few of the things I found. A schematic of the SX-42 would be most helpful. I'm missing that one from my Sams collection. If anyone has any info on the Simpson adapters, I would love a photocopy. That makes four that I have: 653 AC Ammeter, 654 Audio Wattmeter, 656 Battery Tester, and a 661 DC Ammeter. Also the SX-24 was sans S-meter, so if anyone has one they'd like to part with, I'm listening. More as it happens....

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996

From: "Benjamin D. Hall" <bdhall@ghgcorp.com>

Subject: Funny tube-things, or if you know what they are and need them, they are yours!

Message-ID: <322B9DDE.2054@ghgcorp.com>

Hi folks...

Got all the boxes of tubes sorted out this morning, but came upon some odd things I don't recognise.

They look like cartridge fuses, but are only 9/16 inch in diameter, and are much longer, approximately 4 inches long. They are marked with a + near one end, and are marked:

CR-2005
752321

One is shorter, 2 1/4 inches long, and is marked:

CR-2008
752511

Was over at Rack Mack's house (he is a list member) this evening for dinner, and we think that with the "CR" nomenclature that they are some sort of high voltage diode, possibly for transmitters or something? Anyone know for sure? Anyone need them? I'll send them along for postage...

Thanks and 73,
Ben

P.S.: No more bashing the tube audio folks okay? One just bought six of my 6DJ8's for \$30, heh heh heh... I did offer them here first...

P.P.S.: Don't worry folks who are awaiting 7788's and 6DJ8's as a package deal, I have plenty set aside for you.

--

From the computer of
Benjamin D. Hall, Houston Texas
BDHall@GHGCorp.com -or- BHall@GP802.JSC.NASA.gov

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: dgibbs@rational.com
Subject: Hallicrafters SX-130 value?
Message-ID: <Chameleon.960902193001.dgibbs@>

Greetings all,

Can anyone tell me what the value of a Hallicrafters SX-130 with matching speaker is? Assuming excellent condition cosmetically and electrically....

Thanks,

Dennis
dgibbs@rational.com

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: merrigan@ee.ualberta.ca
Subject: High Quality Manuals
Message-ID: <199609032106.QAA27548@uro.theporch.com>

Hello Everyone:

A while back, there was a discussion about the poor quality of *some* (no flames, please) of our BA manuals. I seem to recall saying something to the effect of: "if I could do something about this, I would". Well I can, and I have.

I have "redone" the following manuals:

Hammarlund HC-10 Converter
SP600J/JX Operating manual
RCA CR-88 Manual

Redone means digital scanning from an original manual, tweaking halftones, image cleanup, image enhancement , and digital laser printing.

Email me if you are interested in more information.

Shaun

--

merrigan@nyquist.ee.ualberta.ca
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Houston, TX - BA Memebers.
Message-ID: <UPMAIL03.199609022303140515@msn.com>

OK you Houston BA guys. I would like a response from all of you as to where your located, call, phone numbers, etc.

Please respond.

Your Friend Al
fritsche@msn.com
Houston, Texas 713-937-6044

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Dave Hockaday <wb4iuy@ipass.net>
Subject: Johnson Viking
Message-ID: <199609031211.IAA13088@passport.ipass.net>

Does anyone have a front panel for a Viking II in decent shape, or know of someone who has a screen and can repaint one???

Dave Hockaday WB4IUY
wb4iuy@ipass.net
<http://www.ipass.net/~hockaday>

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: "Rhett T. George" <rtg@ee.duke.edu>
Subject: Lampkin 205A
Message-ID: <9609031629.AA18254@feller>

- Greetings -

The Lampkin 205A has been sharing the nether regions of the shack with other goodies. Recently it reared its sloped-front head and is demanding to be used. Hopefully, the technique for using it is not locked up in antiquity but dwells in some of the rest of us here in BA-land.

I shall appreciate very much all suggestions on control settings, adjustments, use of rear-mounted antenna, etc., pertaining to this

curious little Deviation Meter.

Many thanks.

73

Rhett george - KE4HIH

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: don merz <71333.144@CompuServe.COM>
Subject: Military Gear FS
Message-ID: <960903164316_71333.144_DHB62-1@CompuServe.COM>

Military Gear For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Military AN/SRR-13A HF receiver made by RCA. This was part of a series of post-war Navy radios that included SRR-11 (VLF), SRR-12 (MF) and this rig which covers 2 - 32mc. This is a heavy 19" rackmount radio with a slide-out-and-tilt-for-service cabinet. The radio is entirely modular and easy to work on. It uses pencil tubes with wire leads throughout and it has a unique system for projecting the frequency onto a groundglass screen. This one has some chips and scratches but still looks good. It is complete and original. Only partly working--some bands are dead--this usually indicates a burnt out pencil tube. \$100. Add \$20 if you also want a photocopy of the very large manual.

Military AN/FRR-21 VLF receiver made by RCA. This was part of the shore-based version of the SRR-series radios. The FRR radios are identical to the SRR radios in every respect so don't ask me why different nomenclature was needed. So this radio is identical to the SRR-11. The other shore-based models were FRR-22 (MF) and FRR-23 (HF). This rig covers .15 - 600kc. Description identical to the radio above except for frequency coverage. \$85. As above, add \$20 for a manual photocopy.

Military MX-2840 audio add-on for the R390/R390A radios. This is an add-on audio section that was designed to take the 455khz IF output of the R390-series radios and provide 600 ohm audio output. Don't ask me why... It's a 19" rackmount panel, 2" tall and all solid state with only a switch and volume control on the panel. The original manual seems to indicate that 48 of these were made for NSA for some reason. This one is brand new in its unopened original packaging. \$69

Military TM 11-487A "Electronic Communication Equipment" directory, 1964. This is a specification and photo listing of 1950's-1960's military gear--mostly airborne as far as I can see. Excellent original. \$38

Military AN/UGC-40 teleprinter made by Mite Corporation. This is a read-only TTY terminal. Front cover is loose. Otherwise looks good. untested. \$10

WANTED

Navy RDZ radio stuff: Manual, 2 inside bottom covers, remote control box and any help/tips on restoration of this overweight radio appreciated.

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: knudsen@gvmail.ih.lucent.com
Subject: MORE Elgin IL RadioFest items
Message-ID: <9609031830.AA06029@bock.ih.lucent.com>

Geez, how could I forget the *complete* BC-191 TX that turned up on the pickup truck next to my spot? Four big VT-4Cs shining in the sun, and a complete set of tuning drawers! Even the dynamotor, itself more than I could lift. And the antenna tuner box. Only the power cables were missing. If the buyer managed to get this on the air in time, he could've put the Xerox Corp. operators over the one-ton mark almost single-handedly.

I shot some photos, and several OFs gathered around the truck to swap lies.

A real neat gadget I got was a military freq meter, allegedly from 125 KC to 1 GHz (DC to daylight?) in 3 bands, where you peer thru a big lens at the film-dial tuning scales. Lights up with neon when in operation, and runs on 120 VAC or a set of D cells. Maybe sandy-state -- I'll bring in the model number. Still has the intact "Calibration Void if Broken" seal on it, so I haven't cracked the case yet to ogle the innards.

I also picked up, for \$10, a small military VTVM complete with probes and AC cord but missing the cover, supposedly working.

Not strictly a BA, but it's pre-WWII and uses tubes, is a McMichael English BC/SW radio, a large table model screwed to a matching base with Queen Anne legs. Uses 5 tubes such as "AC/Pen" -- a pentagrid (?) converter, a pentode IF, a cute little dual-diode detector, the AC/Pen (looks like an overgrown 47) output, and a fullwave rectifier "UUX" looking like a squat fat 80.

Also I got a nice homebrew antenna tuner for \$40 -- nice little

rounded cabinet with National vernier dials and big National tuning caps, with switched taps on a big inductor.

I gather that Shelby was the same weekend (Labor Day). Probably a tie on which fest had more BA ham gear. 73, mike k a9rg

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: philip mccooy <dgnova@erols.com>
Subject: multiple receivers
Message-ID: <199609032009.QAA22056@smtp2.erols.com>

The question was asked if multiple receivers could be connected to a single antenna without interfering with each other.

Try using cathode followers.

The output impedance of a cathode follower is about 1/gm or about 330 ohms for a tube with a gm of 3000 umhos a 6J5 or 1 section of a 12AU7

The input impedance is about 8uufd and many megohms.

Connect the output of the follower to one receiver antenna and the input of the follower to the outside antenna.

For multiple receivers do the same. Connect the follower inputs together. If you have a large number of followers then use a master follower connected to the outside antenna, with the output of the master follower going to the receiver followers.

You wrote:

Hello everyone...

I have been thinking about ways to hook up my BA's so that I can listen to more than one at a time. Currently, I have only one antenna and no room for another one.

So, I was wondering if anyone had designed or built a tube antenna splitter for BA's. (Grandpa used to have these for TV systems) I want a device that will prevent "cross-talk" between receivers, boost the signal a bit to overcome splitting losses, and distribute signal to the receivers. Maybe an antenna tuner as well for the silly Racal that needs one?

Can any of you old-time tube designers or hams point me to a design or schematic for a such a device? Using tubes I have bazillions of like 6080's, 6DJ8's, 5879's, 12AT7's, 6AU5's (some of these aren't RF tubes, I know) etc would be a big plus.

Thanks and 73,

Ben

--

From the computer of
Benjamin D. Hall, Houston Texas
BDHall@GHGCorp.com -or- BHall@GP802.JSC.NASA.gov

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Nick England <nick@cs.unc.edu>
Subject: mystery receiver
Message-ID: <199609031600.MAA11445@altair.cs.unc.edu>

Shelby was a great hamfest (full trip report later) and I once again picked up an interesting surveillance receiver about which I know little. Any ID help and manual source would be greatly appreciated.

Covers 52-260 MC, black rack-mounted, about 5.5" high with internally-lit black plexiglas front panel. Round deviation and signal strength meters in the center with tuning dial on the right. 10/40/300 kc bandwidths AM/FM (also has BFO). Antenna connection in upper left corner, power, BNC (IF out?), and phone jack nearby. Front panel ID tag is missing from lower right?

Very modular construction inside.

One module says Temco G-116 C.O.R. and a COR light/switch/knob is on the front panel.

RF front end is silver plated tube-type with a small blower.

IF/AF etc. is all tube type. Works OK on 115 vac (someone wired in a power cord) although blower doesn't run - maybe the original power connector had 28vdc for this ?

Many thanks for any help,
Nick KD4CPL

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina

http://www.cs.unc.edu/~nick

Chapel Hill NC

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996

From: Merv Schweigert <k9fd@htc.net>

Subject: Needed

Message-ID: <9609031412.AA05317@ns.htc.net>

I am wanting to build a regen set with 6j7 and 6c5 tubes but am missing the audio choke, anyone have one they will part with ? It needs to be around 700 to 800 hy, not critical. Have everything ready to go but no choke. Thanks 73 Merv

```
*****
* Merv Schweigert           Key Collector, Paddles, Bugs, Straight Keys *
* 9694 S. Prairie Road      *
* Red Bud, Ill 62278        Looking for Keys and code/telegraph Items.. *
* 618-282-3953 Voice        *
* 618-939-FAXX Fax          Appreciate any calls or leads..... *
* k9fd@htc.net E-mail      *
*                           K9FD Know Code *
*****
```

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996

From: wj5j@juno.com (John D Hensley)

Subject: News on Sugarland, Texas Johnson 500 Panel Refinishing

Message-ID: <19960903.000355.5183.9.wj5j@juno.com>

Hello Group,

Had a nice QSO this evening with:

Ron, AB5WG,
115 First Street
Sugarland, Texas 77478
Call 713-491-7823 after 6 PM CDST.

(referred to me by Dave, W3BJZ of the C.J.)

In the past, Ron has refinished several different radio panels and so now there are many rumors on the bands regarding what he is up to.

FWIW, Ron told me he only does Johnson 500 panels and no others. He says he has no plans or intentions to do anything else. If you have a

Johnson 500 and want the work done, you schedule the work by contacting him FIRST. If he takes your request, he does the panel, the VFO bezel, and the xtal covers ATT (at this time) for \$ 150.00

The paint that he silk-screens the dial & logo information on is epoxy-enamel which he says is tough enough to resist light solvents and cleaners.

For additional information, contact Ron.

Cheers,

Doug WJ5J

***** WJ5J / NNN0BXX *****TB: Johnson Ranger 1, National AN/WRR-2A; RTTY/cryptoTF: Nat'l rack spkr, frame (any era); rack spkr & coil box, BFM and XCAL units for HR050/60; HR060 emblemelp (!)...need KS1 p.s. for KL1 and HA20 6 meter amp***** wj5j @ juno.com *****

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Bob Rolfness <rsrolfne@atnet.net>
Subject: Racks
Message-ID: <322C689E.63F4@atnet.net>

Notice - To the BA people of the great Pacific North West.

I have from my father's estate four 6 foot standard enclosed relay racks that are someones for the cost of helping me remove them from the basement and can use them. They are located in Salem, Oregon. I will meet you there at some agreed upon time in the future to help load, etc. I am located in Moses Lake, WA.

73's Bob W7VZX

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Pete McCollum 03-Sep-1996 0713 -0600 <mccollum@ssdevo.ENET.dec.com>
Subject: RS-1 / old-timer interview - 120 lines
Message-ID: <9609031313.AA17126@us3rmc.pa.dec.com>

Following is an interview with Bob Olsen, from a phone conversation in August, 1996. Bob is a retired CIA veteran and Signal Corps radio operator. I met Bob last year at a reunion of folks who used to live on Saipan (in the Mariana

Islands, near Guam). In the 50's and 60's, Saipan was a CIA training base. Trainees would be flown in from various Asian countries, trained, then sent back to spy on the Communists and other groups that CIA was interested in keeping track of. I was born there the year after Bob left. Among other things, Bob trained recruits in how to use the RS-1 radio set.

I have been collecting info on the RS-1 (GRC-109) radio set, so please contact me with info, if you haven't already done so.

Pete McCollum
mccollum@ssdevo.enet.dec.com

P: What do you recall about 'when & where' the RS-1 equipment was used?

B: Well, we used it in the old days, you know, we didn't have satellites in the sky and all that. So when we needed to get information out of a country, we had to find somebody that was willing to go back in and send it out or bring it out, either for nationalistic reasons or for money. I worked with some people from Tibet. These guys couldn't read or write their own language, they had no skills at all, but they were really sharp. I taught them all about 12 WPM of code, and we had to teach them a cryptographic system. Someone else taught them the paramilitary stuff - jumping out of airplanes and all that. So, my job was teaching them communications. In this group [of guys from Tibet], four of them were Buddhist monks, and two traders that used to ride in and out of Nepal on yaks. We've got to train them, then drop them in with the RS-1 gear. We had GN-58 hand-crank generators, and also power supplies to go with the equipment. The hardest thing to teach them was security - how to take care of their cryptographic gear, not get caught, how to not do any operating in a building where they'd be dimming the lights. Basically we taught them to use the GN-58 more [often than the AC power supply]. But security was a hard thing to get across to them, they really just didn't understand that. [Anyway,] these guys all went in and every one of them came up on the air. I was down on Saipan and Taipei waiting for them to come back - they were dropped in from 15,000 feet out of a B-17. But basically, what we used that equipment for was clandestine work - send 'em in with a signal plan and a whole gunnysack full of crystals - they didn't work the same frequency too often.

P: Do you recall about what year that would have been?

B: They were dropped in in '57 - the last year I worked with [the RS-1] was '58. People would say they can't learn code, but you have to live with them, day and night. And we did - we actually slept with them in their quarters, and we had an interpreter. But, you don't know if they would get in there and then someone would pay them more money, or they would get killed, or something, and you would never hear from them again. So it got kind of nerve-wracking, you work with somebody for 5 or 6 months, you get attached to them.

P: What years were you on Saipan?

B: [From about] 1953 and '54, and we left in '58.

P: You had mentioned to me last year that you had to modify crystals and such?

B: Yeah, we had the little [FT-243 crystals], and we'd take them apart and etch them. You could also grind them on a plate of glass with jeweler's rouge, and if you get them too high, you could bring them down a little bit with a little India ink. I did a lot of that - had to get a lot of crystals ready for a run.

P: So somebody else would decide what frequencies would be used?

B: Well, we had an operations man in the Commo group, and he'd come up with a signal plan: when he [the agent] would come up [on the air], and how often, and what frequency. We didn't want him to sit on one frequency.

P: Do you remember any maintenance problems with the RS-1, or things that were unreliable?

B: No, I don't. You know, the fact that we dropped those things out of airplanes, and everything else, and still had 'em work, it speaks pretty good for 'em. I used the RS-1 on several training missions - they were the old staple.

P: Did you use the key that's on top of the transmitter [RT-3], or did you send a separate key with it?

B: No, we used the key on top of it. We had no frills on it - we taught 'em to tune it up and use the GN-58 or the power supply.

P: Did you ever work with any aircraft radio gear?

B: I was a CW operator all through WWII for the Air Force in India. The first good radio that came out was called an ART-13 Collins 10-channel. After WWII, in Korea, we still had them laying in a motor pool. I was a Commo sergeant in a signal company. This stuff was all laying in a motor pool - the [SCR-]399 with a BC-610. I'd go down to the motor pool with a fifth of whiskey and I could get a whole truck load of stuff. I was trained in aircraft [radio equipment] maintenance at Scott Field, Illinois, but I leaned toward the operating side - I was a high-speed operator.

A lot of my friends at CIA were old-timers from OSS; although I wasn't with them until the latter part of the Korean war. The ol' CIA was a good outfit. There are bums in everything, but most everybody was trying to do a good job. I think as a whole we did. We pulled off some pretty cagey deals, but that's the only way we could do it in those days. So, I take it with a grain of salt when I hear these reporters bad-mouth the thing, you know?

When I was on Saipan, I was basically involved in training, although I did install a big monitoring setup there, with two 10 KW Collins 10-channel transmitters, and three hundred-foot towers. I got hooked into that - I'm basically not an engineer, but the engineer they had his time was up, so sure enough, the Chief of Station says "you're it". I *worked*, trying to dig footings for 100-foot towers through the coral. Old Ely Popovich was an old WWII man that they dropped into Yugoslavia - he was a demolitions expert. I finally ended up with him coming out there with black powder, and blowing footings for all my towers and guys.

P: What kind of receiving equipment was on Saipan as part of that station?

B: We had SP-600's, and Collins 51-J's. And we had some of those old 542's that come out of the 399 units. I was in Tokyo when the Korean war broke out, and I got the first SP-600 that was built. The old Chief Signal Officer, he was a Major-General, he got 'em for me. Every time MacArthur flew, I

maintained solid communications with him. Everywhere he went, I worked him - when he went down to Wake and got fired, worked him when he was going home, and the guy that come over to settle the peace treaty, and they passed each other in mid-air. They couldn't work each other, so I sat there and relayed between the two airplanes for about two hours.

CIA picked me up the last year I was in Tokyo, and I worked out of Yokosuka with them. I met an old guy there, Admiral Ueda [or Wada?], he was a communications officer for the Japanese Navy. He was in Washington when MacArthur was a 2nd Lieutenant - that's how old he was. I used to do a lot of procurement for the outfit. We'd go on these trips to different electronic firms, trying to buy stuff. One of them was a clandestine radio [Don't know which model Bob was referring to here - he told me that there were reliability problems with it], and batteries - we were trying to get batteries that weren't ages old. In the Signal Corps, the batteries had been sitting on a shelf for 6 or 7 years, and you'd have to take a wheelbarrow-full of batteries to operate an SCR-300. So, we got to talking [Bob and Admiral Ueda], and he had a son that was the same age as me who was killed in a Japanese submarine. But, he was retired when the war broke out, and they called him back in. He was an interesting old guy - I learned a lot from him - I learned to respect the Japanese.

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: mirage!pamars@uucp-1.csn.net (P.A.Marshall)
Subject: Re: RS-1 / old-timer interview - 120 lines
Message-ID: <9609031446.AA16121@mirage>

Pete,

Many thanks for posting this, it is very interesting. It is so sad that so much of the wisdom that these old timers have collected over the years (much of it the *hard* way) is lost when they go silent.

Al Marshall	"Real Radios Glow in the Dark"	almarshall@acm.org
1+219.665.5072	Mirage Computers, Inc.	pamars@mirage.angola.in.us

"The lyf so short, the craft so long to lerne." - Chaucer

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Nick England <nick@cs.unc.edu>
Subject: Shelby adventure
Message-ID: <199609031616.MAA11623@altair.cs.unc.edu>

Nick and John's excellent adventure

We're on our way home from the Shelby hamfest. The car is going THUNK, THUNK as the suspension bottoms out, the tires are going SCRITCH, SCRITCH as they rub against the bodywork, tire smoke wafts in the windows. We finally stop at Charlotte and rent an extra car to share the payload. This has clearly been a GOOD hamfest.

Two days earlier John Poulton (ex-K4QDR) and I had been heading toward Shelby. John was talking about how what he really wanted to find was an R-388 parts rig. Now John is kind of new to boatanchorism, and I, the Wise Veteran of many hamfests, attempted to offer some sage advice - "You know, John, it is really hard to count on finding any particular item at any particular hamfest. You shouldn't get your hopes pinned on this. Just enjoy the hamfest for whatever you find".

You guessed it - Thirty (30) seconds after we hit the flea market, John stubbed his toe on an R-388 parts rig...well actually a 51J-4 parts rig....the one there next to the box full of R-390A PT0s and brand new R-388 dial bezels....right there next to the box of R-390A knobs and dial counter parts....just a few feet from the two boxes full of Collins manuals. Are you beginning to get the picture?

So we hung around this big truck for a while as it was being unloaded - I got a spook receiver (LTV G-116?), and John got a beautiful HT-32. There were tons of interesting parts, a very original BC-348, and 6-8 other pieces of ham gear, all at reasonable prices - we were still finding interesting parts in the goody pile 2 days later.

We had parked the car next to Tim N4IQA and BoatAnchor Bob NA4G and set up a table and tent along with a big "BOATANCHORS!" banner - this became BA-central as the fest gathered steam.

Tony W4KQL came over to our encampment and I drove the car over to pick up the Invader 2000 I had arranged to buy from him before the fest. The car sank a bit when we loaded it up - a foretaste of things to come.

Lots of interesting gear was out for sale on Thursday afternoon and we had a great time exploring. Friday, much more showed up or came out into the open - and the boatanchor gang showed up in force - our esteemed Listmeister Jack W4PPT, Larry W., Barry WA4VZQ, Haney N02N, Marty AA4RM, all the Daves (N4X0, WB4IUY, K4SAN, WB4KPD), and a host of other fine folks. We swapped gear, swapped lies, and wandered around the large flea market grounds (nice AR-88LF, a BC-348/ART-13/ARC-5 set up all operational and ready for installation in your B-24, the \$1200 KWM-1, etc.). That night we had a great get-together thanks to the organizing efforts of Barry WA4VZQ.

Saturday AM, the flood gates opened - tons of gear appeared from under tarps and within trucks. And the tailgaters...oh, the tailgaters - it

looked like that scene at the end of "Field of Dreams" when all the cars are driving up through the cornfield! Imagine a continuous parade of folks pulling in, parking, and popping the trunk lid on a cornucopia of interesting stuff - plenty of boatanchors and useful parts to be had here - I added a Boonton RX meter and a \$20 KW matchbox to the load. The action on the "boatanchors spotters net" was heavy - "DX-20 two cars down from the 75A-4", "SX-117 four cars up from the 75A-4" - the \$1000 75A-4 served as our fixed reference point as we were pretty sure it wasn't going anywhere. A fellow threw up the door on a rental truck and pointed to a pile of Collins gear (75S-3B, 32S-3, 30S-1, more) and said "make me an offer, I don't know what this old stuff is worth." The crowd went silent waiting to see if anyone had the gall to offer \$200 or so..it finally went to a dealer for \$1200.

I also picked up a \$20 RT-1B "spy transmitter" for Tim N4IQA (who was busy selling stuff instead of acquiring things) - then saw another that said "\$125 one-of-a-kind!". John W4WAW showed me a really neat old spy set he had acquired - xmtr, rcvr, and p/s in a nice wooden briefcase. Robbie was walking along with arms full of new-in-the-box TU-10 tuning units and BC-611 crystals.

We got plenty of comments from the boatanchor crew as we were stuffing equipment into the poor car. We ended up leaving tent and sawhorses to the kindness of Dave WB4KPD and his big truck. John looked a little nervous as I made comments about putting more gear in the passenger seat - he did ride along with his knees up near his ears as we put a CE 200V into the passenger floorboard trying to balance the load a bit. And yes, we really did have to rent an extra car on the trip home...

There was an amazing array of good boatanchor stuff swapped and a great crowd of people enjoying the hamfest. This must be one of the larger fests in the US and attracted folks from Florida to Michigan. Will we be there next year? - you bet, and with a truck - my wife is NOT going to let me borrow her GTI again....

73 and see you at Gaithersburg,
Nick KD4CPL

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick> Chapel Hill NC

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Nick England <nick@cs.unc.edu>
Subject: Shelby footnote

Message-ID: <199609031854.0AA12205@altair.cs.unc.edu>

One scene that stuck in my mind that I forgot to mention.

Tony W4KQL, picking up a *really* awesome plate transformer to look over, His face beet red, straining with the truly Herculean effort required for this beast. He sets it down with a loud thunk, and then grins a great big grin - THIS is the plate transformer for him!

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Dave Hockaday <wb4iuy@ipass.net>
Subject: Shelby gathering...
Message-ID: <199609031210.IAA13070@passport.ipass.net>

The BA gathering at Shelby was great!!!

I had the most fun at Shelby, this year, I've ever experienced at a hamfest. I had a chance to meet several of the BA list members along with a few nonBA-list collectors (or "acquirers" as Nick KD4CPL said).

By Sunday, many vehicles were loaded with heavy metal beyond the auto manufacturers ratings... Larry drove all the way up from Florida and loaded his mini-jeepster to capacity, Nick drove a Volkswagon that looked like it had been lowered on the suspension (is it true that 2 guys had to stand on the front bumper so it could get up the hill??), Dave Wood (there were too many Dave's to keep up with) had to enlist the help of Bill Downes to haul some of his gear back home. Boatanchor Bob developed a new automated sales mechanism using a CW keyboard on a loudspeaker, and Tim found some very rare Sam's Photofacts. Haney (No 2-nite) captured a nice piece of Heath gear and a few other goodies.

I picked up an Eico 720 and modulator, and had W.G.'s Johnson Viking (or rather Collins Viking, heheheh...you have to see this thing to appreciate it) follow me home. I purchased a rig for under a dollar, and have been challenged to bring it back to Shelby next year in working order...it's a real boatanchor, complete with barnacles and rust. I also picked up a video monitor, CW reader, and another HP-431 powermeter...and ended up as half-owner of Boatanchor Bob's CW keyboard.

The BA feeding frenzies were most enjoyable, and I got a big kick from Rocket Man's ARC-5 pulltoy. Lots of good conversation, BA war stories, etc.

There were many more at Shelby than I've listed...Barry Ornitz, Dave Thomas, Jack and his black BMW antenna farm, Herman WB4DBB, etc. Shelby was a most

enjoyable hamfest for me, largely in part to the BA gang, and I'll be sure not to miss it next year.

BTW,

Have you picked up any more spy communications on your mobile internet-satellite link, Jack??

Dave Hockaday WB4IUU
wb4iuy@ipass.net
<http://www.ipass.net/~hockaday>

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: Bob Duckworth <rmd@ka4ybr.netmha.com>
Subject: Still looking for SB200 or similar carcass for 6m conversion.
Message-ID: <199609032026.QAA05705@ka4ybr.netmha.com>

I'm still looking for an basket case KW amp.
Something along the lines of a 4 or more sweep tube,
pair or quad 811, or pair 572/T160 thing.

Need chassis, power supply, and cabinet.

Bandswitch, RF components, tubes and sockets will be yanked so something that has already been cannabilized would be perfect.

Trying to get this SS 10W out 6M up to something over 250W out.

I've not collected tube(s) and socket(s) either
so something good for 6 is also of interest.
I've got the input and tank parts.

Have to trade a beautiful HW12 and PS.
or a ratty HW32 and PS.

-bob
WB4MNF

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: integrat@usr.com (Integration Area)
Subject: Tek 555 stuff is gone
Message-ID: <22AC2CB0.3000@usr.com>

Spoken for!

William Donzelli
integrat@usr.com

From boatanchors@theporch.com Tue Sep 3 16:58:00 1996
From: "Richard A. George" <wa6jox@rain.org>
Subject: tubes fs
Message-ID: <Pine.SUN.3.94.960903092441.25073B-1000000@coyote.rain.org>

I have several transmitting tubes for sale all prices include shipping CONUS UPS. These are all tested pulls

4-400a's \$45.00 ea
3-500z's \$55.00 ea
filament xformers for above (will run 2ea) \$45.00
chimmneys for above \$20.00 ea
ceramic sockets for above \$20.00 ea
air system sockets for above \$35.00

please reply direct e-mail K6kWQ Dick

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: Terry Dobler KJ7F <kj7f@micron.net>
Subject: Warped Dials: Final
Message-ID: <2.2.16.19960902164128.23c72bf8@micron.net>

Gang,

Thanks to all for the informative and thoughtful ideas on deformed plastic dials. The collective knowledge around here is incredible!

Here is what I have done so far. At the suggestion of one list memeber, I went to Kinkos and had a color copy made of the dial. I then had it laminated and mounted it to the dial plate. In the copying process the color had changed slightly so with the dial light on it is still brown but with a grey/green cast. It still looks nice and I will try puting a yellow gel on the light to see if it looks more like the original. I think that some of the gel that we use for studio lighting should work great.

Now that I have something to fall back on I will try to fix the original. I will try John's method of heating it between two pieces of plate glass. I found 4 suitable clips to keep everything together while heating it in the oven. The problem here is that my oven doesn't go low enough for the temps that Barry suggested. I'm sure I'll figure something out.

Again, thanks to all, and there were many, who made suggestions.
With your help the Philco lives again.

Terry KJ7F

kj7f@micron.net (Boise, Idaho) <http://netnow.micron.net/~kj7f>

From boatanchors@theporch.com Tue Sep 3 09:56:45 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: WTB Multi-Elmac M-1070/1071 ps
Message-ID: <01I90TG8KPLE000563@ACS.EKU.EDU>

..as the subject says...

Discovered that voltages from the Elmac will work fine with
the Morrow... :)

Anybody?

...and the copy of the M-1070 manual arrived - thanks!!

73, Al N5AIT
modsteph@acs.eku.edu
Richmond, Kentucky